

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~rotor blade~~ of a wind power installation, comprising:

a wind turbine configured to generate energy and including a rotor blade, the rotor blade including

a fiber composite structure that forms the rotor blade;

a bearing structure proximate to an outer surface of the rotor blade, the bearing structure having fiber strands of a predetermined length which are provided with
:

a hardened composite material incorporated into the fiber strands; and

a plurality of prefabricated, flexurally stiff components that part of the fiber that are integrated with the fiber composite bearing structure.

2. (Cancelled)

3. (Currently Amended) A process for the production of a rotor blade of a wind power installation, ~~of a fiber composite structure, the process comprising the following steps:~~ producing wind installation rotor blade shells forming the an outer contour of the a shaped body;

producing a bearing structures structure of fiber strands and prefabricated flexurally stiff components, the fiber strands of predetermined length which are impregnated with a hardening composite material;

placing the bearing structure into the shells; and

placing prefabricated flexurally stiff components into the shells; and
encapsulating the entire bearing structure in an epoxy resin to form a rotor blade
having an the integrated bearing structure of fiber strands and prefabricated stiff components.

4. (Previously Presented) A process according to claim 3 characterized in that the prefabricated components are produced from fiber composite materials.

5. (Currently Amended) A process according to claim 3 characterized in that the prefabricated components have of a predetermined lengths are used, wherein the lengths are preferably dependent on the position of installation of the components in the shaped body.

6. (Currently Amended) A process according to claim 5 characterized in that prefabricated components are used, which extend positioned in the shells in adapted relationship to such that the prefabricated components bear a significant portion of an applied load the leading.

7. (Cancelled)

8. (New) The process of claim 3, wherein producing the bearing structure includes encapsulating the fiber strands and the flexurally stiff components with a resin material while the hardening composite material is in a liquid state.

9. (New) The process of claim 8, further comprising setting the resin material after placing the bearing structure into the shells.

10. (New) The process of claim 3, further comprising impregnating the fiber strands with the hardening composite material in a liquid state.

11. (New) The wind installation of claim 1, wherein the bearing structure is at a load-bearing position in the fiber composite structure.

12. (New) A system for generating energy, the system comprising:
a wind power installation configured to generate energy and including a rotor blade, the rotor blade including

an outer shell; and
a bearing structure being part of the outer shell, the bearing structure including
a plurality of fiber strands,
a hardened composite material incorporated into the plurality of fiber strands, and
a plurality of prefabricated, flexurally stiff components spaced apart from one another.

13. (New) The system of claim 12, wherein the bearing structure further includes a matrix in which the plurality of fiber strands and the plurality of prefabricated, flexurally stiff components are embedded.

14. (New) The system of claim 12, wherein the bearing structure is proximate to an outer surface of the rotor blade.

15. (New) The system of claim 12, wherein the plurality of prefabricated, flexurally stiff components comprise a fiber composite material.

16. (New) The system of claim 12, wherein the plurality of prefabricated, flexurally stiff components have elongated transverse cross-sections.

17. (New) The system of claim 12, wherein the plurality of fiber strands are spaced apart from the plurality of prefabricated, flexurally stiff components.

18. (New) A process for producing of a rotor blade of a wind power installation, the process comprising:

producing a rotor blade shell for a wind installation;

impregnating fiber strands with a hardening composite material;

producing a bearing structure comprising the fiber strands and prefabricated flexurally stiff components; and

placing the bearing structure into the blade shell such that the bearing structure is positioned at an outer periphery of the rotor blade.

19. (New) The method of claim 18, wherein placing the bearing structure into the shell includes integrating the bearing structure into the shell such that the bearing structure is adjacent to an outer surface of the rotor blade.